

March 15, 2021

Mr. John Mainini
Director of Operations
Milford Sewer Department
230 South Main Street
Hopedale, MA 01747

Re: The Residences at Stone Ridge - Phase II

Response to Sewer Department Comments

SMMA No. 19162

Dear Mr. Mainini:

On behalf of our client, The Gutierrez Company (TGC), SMMA has prepared the response below to the Plan Review letter prepared by Tata & Howard (T&H), dated March 9, 2021. We have incorporated all the comments from the letter into the attached drawings as described below. The original comments are included paraphrased in italics along with our responses in bold for clarity.

1. *We recommend the stationing start at 0+00 at the connection to the existing sewer for clarity.*
R. Refer to attached revised drawings C-601 and C-602.
2. *Add a general note to the Plans stating that the Contractor shall adhere to all Milford rules and regulations.*
R. Refer to attached revised drawings C-141 and C-143.
3. *The plans should include a detail on how the contractor is to tie into the existing manhole.*
R. The Residences at Stone Ridge – Phase I will install an 8” PVC stub for future connection (inv.=332.95). The drawings are revised to show a proposed SMH at the sewer sub location.
4. *The plans should include details on manholes with drops. Milford requires an inside drop within a five foot inside diameter manhole.*
R. Refer to attached revised drawings with internal drop sewer manhole on detail C9 on drawing C-502.
5. *Section A-A should include operating levels including typical operation and levels in the tank at 6 hours of storage to review freeboard conditions.*
R. Refer to attached revised drawing C-143 showing table with operating levels and drawing C-505 with liquid level at 6 hours of storage.
6. *Valve chamber as shown will flood when the level in the storage tank exceeds 2.5 feet. Confirm the chamber and its contents are design for submerged conditions.*
R. The existing drain from the valve chamber to the 8-ft diameter wet well is equipped with a backflow prevention flap valve that will remain.

Mr. John Mainini

March 15, 2021

7. *The storage tank floor should slope towards the equalization pipe. There should be enough storage to accommodate this concrete fill, but applicant to confirm.*

R. Refer to attached revised drawings - the storage tank will be installed with a 1.23% longitudinal slope. The equalization pipe will remain the same elevation and the far end of the tank will increase by 6 inches. The required storage volume is held within the proposed and existing structures. The structure coverage requirements are met.

8. *Pump size in the 10-foot wet well is inconsistent. 7.5HP model shown on the plans, 14HP model shown elsewhere.*

R. Refer to attached revised drawings reflecting a 14HP pump.

9. *Delineation of Phase 1/Existing does not appear to line-up with the manhole labeled existing on the plan. Is Manhole X-1 on the profiles the same manhole?*

R. Refer to attached revised drawings – delineation of work is clarified based on response to comment #3 above.

Comments 10-12: SMH 3-1 and 3-2 are not shown on the profile, SMH 2-6 is missing the invert for the clubhouse, and SMH 2-4 is missing an invert on the profile.

R. Refer to attached revised drawings for information added to profiles.

We look forward to discussing this information with the Town of Milford Board of Sewer Commissioners and their consultant, Tata & Howard. If you have any questions, please feel free to contact me at 617-520-9210 or wpark@smma.com.

Very truly yours,

SMMA



William Park, PE
Senior Associate | Civil Engineer

cc: Israel Lopez - The Gutierrez Company, Peter Glick - SMMA, (MF)

enclosures: Sewer Department Review package including Technical Report and Drawings

1000 Massachusetts Avenue
Cambridge, MA 02138
617.547.5400

www.smma.com
